## Missing Numbers in Equations (A)

What value does each shape represent?

$$9 \times X = 36$$

$$3 \times \odot = 12$$

$$3 \times \bigcirc = 12$$
  $\square \times 7 = 28$ 

$$5 \times \square = 20$$

$$2 \times \triangle = 12$$
  $\nabla \times 2 = 8$ 

$$\nabla \times 2 = 8$$

$$\boxplus \times 5 = 15$$

$$7 \times \Diamond = 21$$

$$1 \times \diamondsuit = 7$$

$$1 \times \emptyset = 8$$

$$9 \times \square = 72$$

$$4 \times \emptyset = 16$$

$$\square \times 5 = 45$$

$$\boxplus \times 4 = 16$$

$$6 \times 0 = 24$$

$$4 \times \odot = 28$$

$$\triangle \times 6 = 30$$

$$2 \times \square = 16$$

$$8 \times X = 24$$

$$6 \times \emptyset = 6$$

$$\heartsuit \times 9 = 18$$

$$* \times 6 = 54$$

$$2 \times \blacklozenge = 14$$

$$\diamond \times 6 = 48$$

$$3 \times * = 21$$

$$5 \times \boxplus = 15$$

$$\bigcirc \times 9 = 18$$

$$3 \times \blacksquare = 12$$

$$\boxplus \times 1 = 5$$

$$4 \times \spadesuit = 32$$

$$9 \times \spadesuit = 27$$

$$\blacksquare \times 8 = 72$$

$$1 \times \square = 2$$

$$5 \times \nabla = 45$$

$$7 \times \square = 35$$

$$\bigcirc \times 1 = 6$$

$$\bigcirc \times 1 = 6$$
  $\bigcirc \times 2 = 6$ 

$$6 \times \triangle = 12$$

## Missing Numbers in Equations (A) Answers

What value does each shape represent?

$$9 \times X = 36$$

$$3 \times \odot = 12$$

$$\square \times 7 = 28$$

$$\triangle \times 9 = 27$$

$$X = 4$$

$$\odot = 4$$

$$\Box = 4$$

$$\Phi = 3$$

$$5 \times \square = 20$$

$$2 \times \triangle = 12$$
  $\nabla \times 2 = 8$ 

$$\boxplus \times 5 = 15$$

$$\square = 4$$

$$\triangle = 6$$

$$\nabla = 4$$

$$\boxplus = 3$$

$$7 \times 0 = 21$$

$$[] \times 1 = 8$$

$$1 \times \diamondsuit = 7$$

$$1 \times \emptyset = 8$$

$$\Diamond = 3$$

$$[]=8$$

$$\diamondsuit = 7$$

$$9 \times \square = 72$$

$$4 \times 0 = 16$$

$$\square \times 5 = 45$$

$$\boxplus \times 4 = 16$$

$$\Box = 8$$

$$\Diamond = 4$$

$$\Box = 9$$

$$\blacksquare = 4$$

$$6 \times 0 = 24$$

$$\delta = 4$$

$$4 \times \odot = 28$$

$$\triangle \times 6 = 30$$

$$2 \times \square = 16$$

$$\Diamond = 4$$

$$\odot = 7$$

$$\triangle = 5$$

$$\square = 8$$

$$8 \times X = 24$$

$$X = 3$$

$$6 \times \emptyset = 6$$

$$\Diamond = 1$$

$$\heartsuit \times 9 = 18$$

$$\heartsuit = 2$$

$$* \times 6 = 54$$

$$2 \times \blacklozenge = 14$$

$$\Leftrightarrow \times 6 = 48$$

$$\diamond = 8$$

$$3 \times * = 21$$

$$5 \times \boxplus = 15$$

$$\bigcirc \times 9 = 18$$

$$\bigcirc = 2$$

$$3 \times \blacksquare = 12$$

$$\blacksquare = 4$$

$$\boxplus \times 1 = 5$$

 $\mathbb{H}=5$ 

$$4 \times \blacklozenge = 32$$
$$\blacklozenge = 8$$

$$9 \times \spadesuit = 27$$

$$= 3$$

$$\blacksquare \times 8 = 72$$

$$1 \times [] = 2$$

$$1 \times \boxed{\phantom{-}} = 2$$
  $5 \times \nabla = 45$   $\boxed{\phantom{-}} = 2$   $\nabla = 9$ 

$$7 \times \square = 35$$

$$\square = 5$$

$$\odot \times 1 = 6$$

$$\odot = 6$$

$$[] \times 2 = 6$$

$$6 \times \Box = 12$$

$$\triangle = 2$$